



Microsoft Access

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## VIRTUAL PRODUCT DESIGNER

Please select the criteria that you would like to begin your design with:

Form Factor Blocks	Processor Blocks	Chip Set Blocks	Memory Blocks	Graphics Controller Blocks	Peripheral Controller Blocks	I/O Controller Blocks
122	124	126	128	130	132	134

Form View

Figure 2

142

144

00/090"222635150

140

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**VIRTUAL PRODUCT DESIGNER**

What is your form factor?

☐ Baby AT

☐ LPX

☐ ATX

☐ NLX

☐ POS51

☐ cPCI

☐ Custom

← Back

Done

Next →

**Features of Your Design**

Form Factor -

Processor -

Chip Set -

Memory -

Graphics Controller -

Peripheral Controller -

Controller -

**YOUR DESIGN FEASIBILITY**

**COMPONENT DENSITIES**

Single sided assembly area \_\_\_\_\_%

Double sided assembly area \_\_\_\_\_%

Panel area used \_\_\_\_\_%

**POWER DISSIPATION**

Worst case \_\_\_\_\_ W

Typical \_\_\_\_\_ W

**ESTIMATED COSTS 2500**

Material \$ \_\_\_\_\_

Assembly labor \$ \_\_\_\_\_

Overhead and Profit \$ \_\_\_\_\_

Total estimated cost \$ \_\_\_\_\_

Production Lead-time \_\_\_\_\_ weeks

**Disclaimer Area**

146

148

Figure 3

150

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## VIRTUAL PRODUCT DESIGNER

I/O Controllers?

- ☐ Super I/O Controller
- ☐ 10/100 Base-T Ethernet
- ☐ Serial I/O Ports
- ☐ Digital I/O Ports
- ☐ 1394 Interface
- ☐ GPS Interface
- ☐ Custom

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**Features of Your Design**

Form Factor - Custom PCB 5.75 x 8.00 Panel 5.75 x 1.50

Processor - Pentium - 166 MHZ

Chip Set - Intel TX Chipset

Memory - 32 MByte on Board, No Cache NVRAM Socket

Graphics Controller - Assilant 69000 Video, LCD Interface

Peripheral Controller - IDE, Floppy, 2 DSB

Controller - Super I/O, Ethernet

**YOUR DESIGN FEASIBILITY**

**COMPONENT DENSITIES**

Single sided assembly area	54 %
Double sided assembly area	36 %
Panel area used	36 %

**POWER DISSIPATION**

Worst case	6.19 w
Typical	9.90 w

**ESTIMATED COSTS 2500**

Material	\$ 328.20
Assembly labor	\$ 93.33
Overhead and Profit	\$ 140.51
<b>Total estimated cost</b>	<b>\$ 562.04</b>
<b>Production Lead-time</b>	<b>14 weeks</b>

Disclaimer Area

152

154

002090"23253560

156

158

Figure 4

**SECRET**

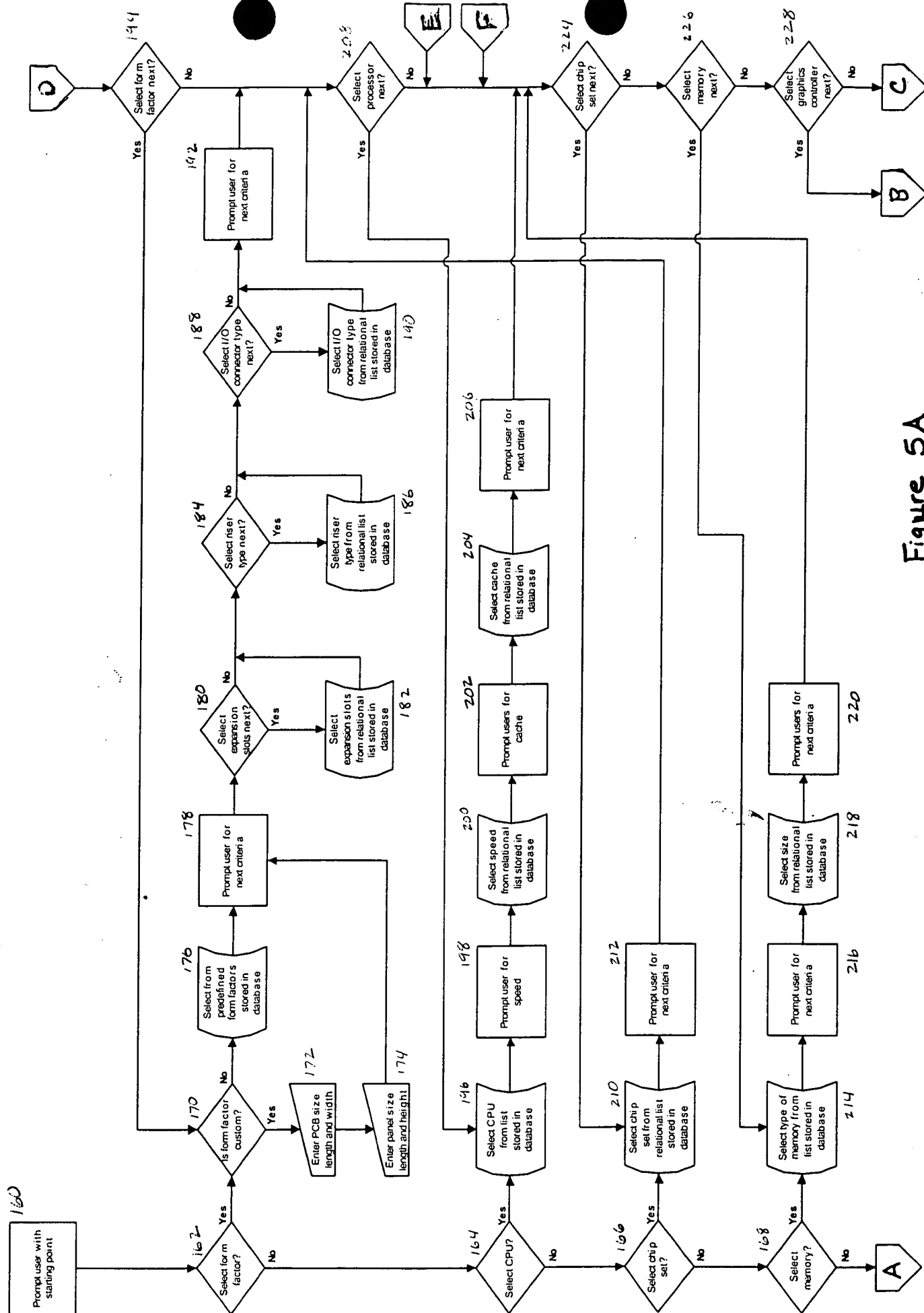


Figure 5A

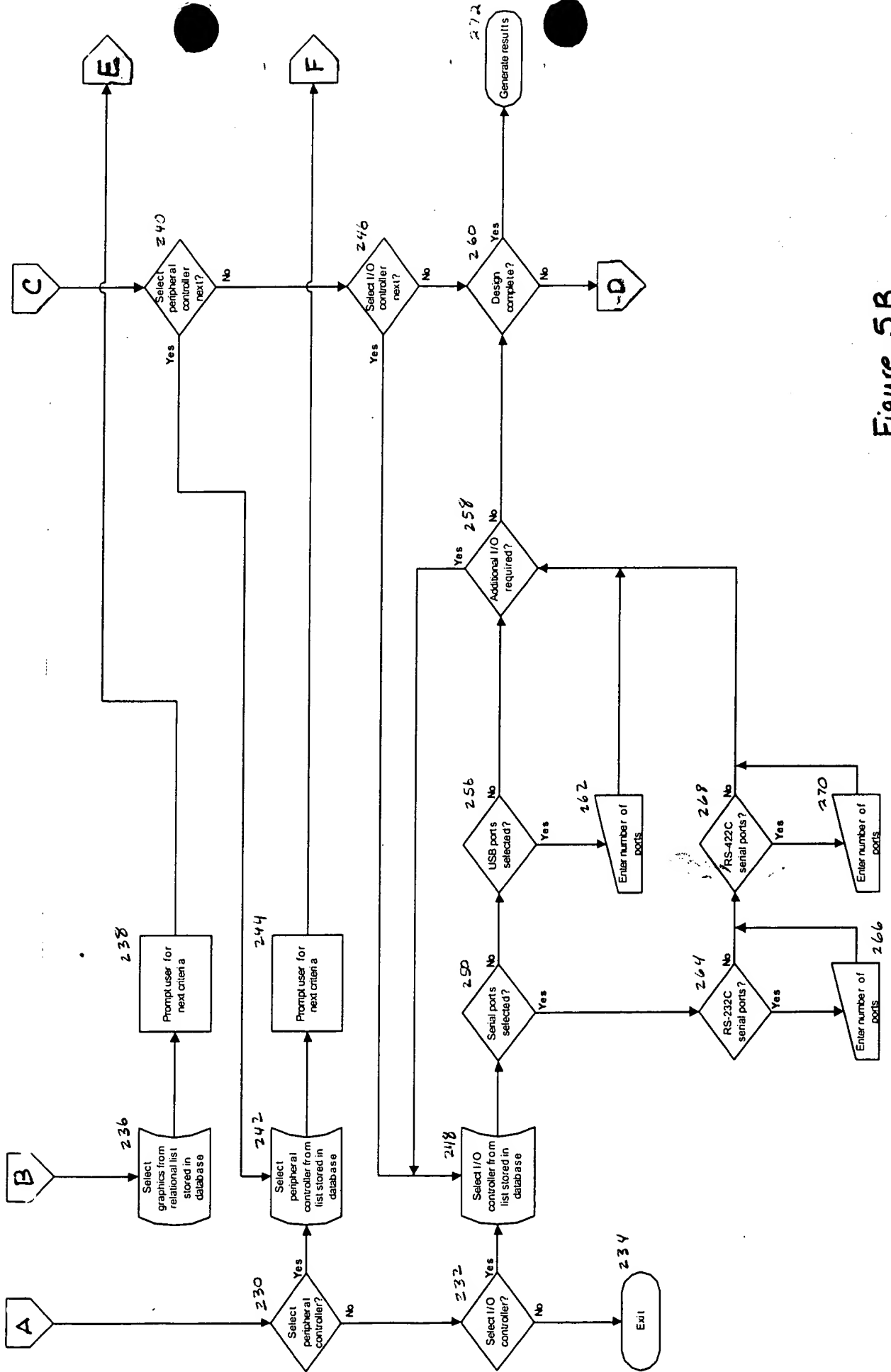


Figure 5B